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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/825,502	04/15/2004	Roy Sykes	CITI0290	8557
27510	7590	10/23/2006	EXAMINER	
KILPATRICK STOCKTON LLP			VY, HUNG T	
607 14TH STREET, N.W.				
WASHINGTON, DC 20005			ART UNIT	PAPER NUMBER
			2163	

DATE MAILED: 10/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/825,502

Applicant(s)

SYKES ET AL.

Examiner

Hung T. Vy

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date: ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date: ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Specification

1. The specification has been checked to the extent necessary to determine the presence of possible minor errors. However, the applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Rejections - 35 USC § 101

2. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 1-15 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

As in claims 1 and 15, *a method for updating web pages on a web server without republishing the web pages* does not produce a useful, and concrete as set forth in 2106 (IV)(B)(2)(b)(ii), e.g., *if the checker approves the change, replicating the change to the data on the quality assurance version* is not a useful, concrete result because *replicating the change to the data on quality assurance version* is still unknown if the checker does not approve. If the checker approves the change, replicating the changes to the data on the quality assurance version of the at least one business data table is not being available for use in the method for updating web pages on a Web server.

Claims 2-14 depend to rejected claim 1 thereby those claims 2-14 are rejected under 35 U.S.C. 101.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

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The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Respect to claims 1, and 15; line 15, the clause "*If the checker approves the change, replicating the changes to the data on the quality assurance version of the at least one business data table*" renders the claim(s) indefinite because it is unclear what happen if *the checker does not approves the change*.

Claims 2-14 depend from rejected claim 1 thereby render these dependent claims indefinite.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3, 7, 9, 12, and 14-15 are rejected under 35 U. S. C. § 102 (b) as being anticipated by Skok (U.S. pub. No. 2002/0091725).

Regarding claims 1, 12, and 15 Skok discloses a method and system for updating web pages on a web server without republishing the web pages, comprising: providing on a production database server (203) a live version of at least one business data table (see paragraph 0065) containing information used to populate web pages on a production web server (203); storing in a quality assurance database server (205) a quality assurance version of the at least one

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business data table (see paragraph 0065) used to populate pages on a quality assurance web server (see fig. 2); allowing a maker at a business workstation (206)(authorized to create or edit content)(see paragraph 0038) to access the quality assurance database server (205) and enter a change to data on the quality assurance version of the at least one business data table (see paragraph 0065)(see fig. 2); allowing a checker (web masters) at a business workstation to access the quality assurance database server (205) to review and approve or reject the change to the data on the quality assurance version of the at least one business data table (see paragraph 0032, 0072); and if the checker approves the change, replicating the change to the data on the quality assurance version of the at least one business data table from the quality assurance database server (205) to the live version of the at least one business data table on the production database server (203)(see fig. 2 or paragraph 0032,0073).

Regarding claim 2, Skok discloses providing on the production database server (203) the live version of the business data table containing information used to populate web pages on the production web server (203) accessible via a browser (internet/intranet)(202) on a customer workstation (201)(see fig. 2).

Regarding claim 3, Skok discloses storing the quality assurance version of the business data table used to populate pages on the quality assurance web server (205) accessible via a browser on a business workstation (see paragraph 0027 or fig. 3).

Regarding claims 7 and 9, Skok discloses allowing the maker to access the quality assurance database server (205) and enter the change (edit) to the data further comprises allowing the maker to access the quality assurance database server (205) and enter the change to the data on the quality assurance version of the business data table using a browser (html) on a

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business workstation (see paragraph 0035 with using Netscape composer to edit) and it is inherent that Skok discloses the editing the table including the delete, adding (see paragraph 0065).

With respect to claim 14, Skok discloses the respective web servers and database server are coupled to one another via one of a global network and an intranet (see fig. 2).

Claim Rejections - 35 U.S.C. § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 4-6 and 10 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Skok (U.S. pub. No. 2002/0091725) in view of Ries et al. (U.S. Pub. 2003/0023632).

Regarding claims 4-6, and 10, Skok discloses all limitations of claimed invention recited in claim 1 except for sql database and backend database management. However, Ries et al. discloses sql database (see paragraph 0092) and backend database management (see paragraph 055-056). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify Skok's method to have sql database and backend database management in order to have different administration tools to edit the database in web server since such having sql database and backend database management for the stated purpose has been well known in the art as evidenced by teaching of Ries et al. (see paragraph 0019-0020).

7. Claims 8 and 13 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Skok (U.S. pub. No. 2002/0091725) in view of Sutherland et al. (U.S. Pub. 2002/0120757).

Regarding claims 8 and 13, Skok discloses all limitations of claimed invention recited in claim 1 except for allowing the maker to designate a time for the change to be accessible on web server. However, Sutherland et al. discloses allowing the maker (administrator) to designate a time for the change to be accessible on web server (see paragraph 0074). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify Skok's system to allow the administrator to designate a time for the change to be accessible on web server in order to increase the security for the web server since such allowing the administrator to designate a time for the change to be accessible on web server for the stated purpose has been well known in the art as evidenced by teaching of Sutherland et al. (see paragraph 0074).

8. Claim 11 rejected under 35 U.S.C. 103 (a) as being unpatentable over Skok (U.S. pub. No. 2002/0091725) in view of Cochran et al. (U.S. Pub. 2004/0030697).

Regarding claim 11, Skok discloses all limitations of claimed invention recited in claim 1 except for allowing the checker to access the quality assurance database server to review the change to the data using a web browser on business workstation. However, Cochran et al. discloses allowing the checker (administrator) to access the quality assurance database server to review the change to the data using a web browser on business workstation (see abstract). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify Skok's system to allow the administrator to access the quality assurance database server to review the change to the data using a web browser on business workstation in order to have administrator at remote site can able to view, manage or follow the status since such allowing the administrator to access the quality assurance database server to review the

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change to the data using a web browser on business workstation for the stated purpose has been well known in the art as evidenced by teaching of Cochran et al. (see paragraph 007).

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung T. Vy whose telephone number is 571-2721954. The examiner can normally be reached on 8.30am - 5.30 pm.

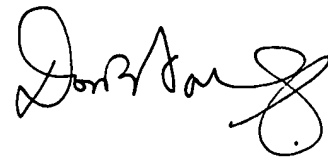
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571 272 1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hung T. Vy
Art Unit 2163
October 14, 2006..

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A handwritten signature in black ink, appearing to read "Don Wong", with a stylized flourish at the end.

DON WONG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100